



Borough of Newark-on-Trent.

**PUBLIC
HEALTH REPORT**

FOR

. 1923 .

BY

**W. BAXTER,
M.B., CH.B., D.P.H.**

TO THE

Newark Urban District Council.

TO WHICH IS APPENDED THE

Report of the Sanitary Inspector.

BOROUGH OF NEWARK-ON-TRENT.

MAYOR - COUNCILLOR W. K. CLARKE.

Public Health Committee.

Chairman - Councillor H. STALLARD.

Aldermen PERFECT, BRANSTON and PATRICK.

Councillors APPLEBY, DUKE, SMYTH, DOBNEY and RANSOME.

Staff of the Public Health Department.

W. BAXTER, M.B., Ch.B., D.P.H., Medical Officer of Health.

G. H. KEMP, A.M.I.S.E., M.R.S.I.,

Diploma in Sanitary Science, as applied to Buildings and
Public Works. R. San. Inst.

Certificates Inspector of Meat and Foods.

Certificate (Sanitary Inspector), R.S.I.

Certificate (Examination Board), S.I.A.

Sanitary Inspector.

Health Nurses.

Mrs. BEE, School Nurse. Certificated.

Mrs. E. TOWLE, Certificated & C.M.B. Certificate, Health Visitor.

Clerk - W. PATRICK.

Disinfector & Ambulance Driver - F. CREE.

R. BYCROFT, Sister-in-Charge, Barnby Road Hospital.



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Report of the Medical Officer of Health for the Year 1923.

TO THE MAYOR AND CORPORATION OF NEWARK.

GENTLEMEN,

I have the honour to submit to you my report for the year 1923. This again, like the reports for 1921 and 1922 respectively, is an ordinary report. A complete survey report will be submitted for the year 1924. During 1923 great progress has been made with the modern sewage scheme for improving the sanitation of the Borough. The conversion scheme too is practically completed and the only tub closets now in existence in the town are those which are incapable of conversion on account of insufficient fall being available for drainage by the water carriage system. As an adjunct to the original plan for providing the Borough with a modern system of drainage that part of the Town on the Beacon Hill aspect, that is the South East part of the Borough, is being dealt with as a separate drainage area. Rapid progress is being made with the construction of the filtration beds, settling tanks, and pumping plant at Crankley Point, and it is hoped that when these works are completed, Newark will be able to turn out as pure a sewage effluent as is capable of being obtained with modern sanitation. The refuse disposal plant in Cliff Nook Lane is being run on extraordinarily efficient and economical lines and elsewhere in this report I have published a series of comparative figures compiled by the Borough Surveyor of Newark, after the first year's work of the Disposal Plant. Towards the latter part of the year there was the fairly severe epidemic of measles and the type was a rather virulent one. School children were mainly affected and the disease spread through all the schools in the Borough, but at

no time was any one particular school so seriously affected in attendance as to warrant its closure. Although there have been several cases of Encephalitis Lethargica in the surrounding areas, only one case was notified in Newark in 1923. The incidence of Pulmonary Tuberculosis remains at a fairly constant level. During the year there was an increase in both Diphtheria and Scarlet fever cases. It is satisfactory to note that all the cases notified under these two categories were isolated and treated in the Borough Isolation Hospital. At one period the Diphtheria cases were of a most virulent type and there is no doubt that early administration of Diphtheria Anti Toxin plays a tremendous part in the prevention of fatal results from this disease. During the Summer months there was a sporadic outbreak of Para Typhoid Fever. Six cases in all occurred, three in the Borough and three in the adjacent rural areas of Newark (1) and Southwell (2), but with the exception of two which were notified in the same family, no connection could be established between the cases. A special report was submitted to the Ministry of Health dealing with the outbreak. On account of the close proximity of Smallpox cases and on account of the possible simulation of this disease by Chickenpox the latter was made compulsorily notifiable under the Infectious Diseases Notification Act, 1889. Elsewhere in this report a classification of all the houses in the Borough is given, and I am indebted to the Sanitary Inspector for the compilation of the details and for the thorough investigation of same. I have to place on record my appreciation of the assistance which I have experienced from the Staff of the Public Health Department, in carrying out Public Health work during the year.

I am,

Your obedient Servant,

W. BAXTER, M.B., Ch.B., D.P.H.,
Medical Officer of Health.

Public Health Department,
Middlegate,
Newark.



NEWARK URBAN DISTRICT COUNCIL.

REPORT of the Medical Officer of Health for the Year 1923.

1.—GENERAL STATISTICS.

Area (Acres) ... 1,931 Population (1923) ... 17,000
Rateable Value ... £98,761 11. 6. Sum represented by a Penny Rate...£312

2.—EXTRACTS FROM VITAL STATISTICS OF THE YEAR,

		Males	Females
Births (Legitimate - 294, Illegitimate - 15)	...	164	145
Birth Rate	... 18.18		
Deaths	... 128		94
Death Rate R.G.	... 13.06		
Number of Women dying in, or in consequence of Childbirth :			
—from Sepsis			
—from other causes			
Deaths of Infants under one year of age per 1,000 births :—			
Legitimate	... 100.3	Illegitimate ... 6.47	Total : 106.77
Deaths from Measles (all ages)	...	...	1
„ „ Whooping Cough (all ages)	...	...	0
„ „ Diarrhoea (under 2 years of age)	...	...	3

3.—NOTIFIABLE DISEASES DURING THE YEAR.

Disease	Total Cases notified	Cases Admitted to Hospital	Total Deaths
Diphtheria	36	36	4
Scarlet Fever	37	37	—
Enteric Fever (including Paratyphoid)	6	—	—
Puerperal Fever	—	—	—
Pneumonia	5	—	26
Other diseases generally notifiable	—	—	—
Encephalitis Lethargica	1	—	1
Other diseases notifiable locally	—	—	—
Tuberculosis :—			
(a) Pulmonary	Male... 21	—	14
	Female ... 11	—	2
	Total ... 32	—	16
(b) Non-Pulmonary	Male ... —	—	4
	Female ... —	—	2
	Total ... 2	—	6

Ophthalmia. Neonatorum.	CASES.			Vision Un- impaired.	Vision Impaired.	Total Blindness	Deaths
	Notified.	Treated.					
		At Home	In Hospital				
0	2	2	0	2	0	0	0

INFECTIOUS DISEASE 1923.

NEWARK URBAN DISTRICT. Causes of Death under Age Groups.

[illegible]

4.—CAUSES OF SICKNESS.

As mentioned in the introduction to this report, a rather severe outbreak of Measles occurred in the last quarter of the year. Some of the cases were of a virulent type and exhibited a typical symptom which might have been puzzling had there not been numbers which shewed typical measles symptoms. In the more severe variety Koplik's spots were extremely prominent and lots of the cases in the acute stage of the eruption developed an irritating cough without any abnormal chest symptoms. In some of these cases the cough condition was undoubtedly caused by the presence of Koplik's spots in the larynx. Most of the cases were characterised by high temperature, which, however, rarely persisted for more than 48 hours. The eruption in all cases was very well marked, but on the whole the type was not one which produces fatal results either directly, or as a result of complications. The most common sequela was Otitis Media and this was of an extremely persistent and chronic nature. Several cultures of aural discharge from such cases were incubated and examined microscopically and all showed a profuse growth of a streptotrichial nature. Regarding the cases of Para Typhoid fever, these all gave agglutinations with one type, Para Typhoid B. No connection could be established between the cases of which there were six, except in that two members of one family were affected at the same time. Although nothing definite could be arrived at regarding the source of infection, the sporadic occurrence seemed to point to some food condition. Close investigation was made for a possible source of infection in the two cases mentioned above, but the source of contamination could not be ascertained. In no case was the issue fatal. The following is a report submitted to the Ministry of Health in connection with this Paratyphoid outbreak.

27th August, 1923.

Dear Sir,

I herewith send you as requested in your letter of the 11th inst. a report on the three cases of Enteric fever, which were notified as occurring in the Borough of Newark during the week ended the 4th August.

These cases seemed to be of a sporadic nature and only one of them has exhibited real typhoid symptoms. The two others have been of a much milder type and seem to have belonged to the Paratyphoid group. There does not seem to be any connection between the cases as regards a common source of infection. From the fact that two cases occurred in the same family there is no doubt that some article of food caused the infection here. The milk supply in the two families is from a different source and although close investigation has been made regarding the possibility of infected food having been eaten, nothing could be traced

which might be pinned down as the medium of infection. Besides these three cases which have been notified as Enteric fever, I have investigated three others exhibiting similar symptoms. In each of these three I have had the blood examined and none of the three blood samples gave an agglutination with the *Bacillus Typhosus*. Neither did any one of the samples give an agglutination with the *Bacillus Typhosus* "A." All the three samples however, gave agglutinations with *Bacillus Paratyphosus* "B" in dilutions of 1-10, 1-25, 1-50, and 1-100. One of these cases occurred in the Southwell Rural District, and the two others were both socially and geographically apart in the Borough of Newark. I could not find any evidence of any extraordinary article of food which had been consumed by one or all of the cases. Two of these Paratyphoid "B" cases had been bathing in the Trent daily previous to the onset of the symptoms, and in one case there was a definite history of Trent water having been drunk deliberately from that part of the river between the Town Locks.

In none of the cases have the symptoms been very severe with one exception, namely the case which occurred in the Southwell Rural District. All the cases exhibited rose coloured spots on the abdominal wall, but these were of an extremely transient nature. In no case has there been extreme diarrhoea or abdominal tenderness, but in all the tongue has exhibited the classical Typhoid appearance.

All the cases with the exception of that in the Southwell Rural District are now either convalescent or well.

The infection with the exception noted, has been a very mild one. Of the three cases notified during the week ended the 4th of August, one was isolated in the Newark General Hospital and the other two were treated at home.

The paratyphoids which I have made note of in this report were isolated, one in the Southwell Rural District Isolation Hospital at Southwell, and the two others in the Newark General Hospital.

Yours faithfully,

W. BAXTER,

Medical Officer of Health.

The Minister of Health,

Whitehall,

London, S.W. 1.

5.—SUMMARY OF NURSING ARRANGEMENTS.

Hospitals and other Institutions available for the District.
Professional Nursing in the home.

(a) GENERAL. Two Nurses are available for ordinary cases in the Borough. One is provided by the District Nursing Association, and the other by the St. Leonard's Trustees. The latter is for necessitous cases. The services of either of these Nurses can be obtained on the recommendation of a private practitioner. They are supported by public subscription and by Trustees.

(b) FOR INFECTIOUS DISEASES. There are no special arrangements for the professional nursing of infectious cases in the home.

MIDWIVES. There are two registered Midwives in the Borough.
TUBERCULOSIS.

A weekly Clinic is held by the County Tuberculosis Officer under the County Authority. Tuesday, 10 a.m.—12 noon.

Accommodation in Cartergate.

There are two rooms, a waiting room and a consulting room. Part of the former is screened off for a dressing room.

CLINICS & TREATMENT CENTRES.

MATERNITY AND CHILD WELFARE :

Mondays and Thursdays, 2 to 4 p.m.

SCHOOL CLINICS :

Monday, Wednesday, and Friday, 9.30 a.m.

DENTAL CLINICS :

Tuesdays and Thursdays, 10 a.m. to 12 noon.

TUBERCULOSIS CLINICS :

Tuesdays, 10 a.m. to 12 noon.

VENEREAL DISEASES CLINICS :

These Clinics are discontinued meantime.

INFANT MORTALITY PREVENTION.

1.—NOTIFICATION OF BIRTHS ACT.

237 births were notified during the year, 132 males and 105 females. 117 were notified by Medical Practitioners, 83 by midwives, and 37 by parents. Of these, 12 were stillborn and five illegitimate.

2.—HEALTH VISITOR'S REPORT.

Total number of visits paid during the year 2,599, re notification of births 213, re babies under 1 year 1,251, children 1—5 years 979, re Mothers' Health 79, re Dressings 31, Chickenpox 20, Measles 21, Whooping Cough 1, Ophthalmia Neonatorum 4.

3.—CHILD WELFARE CLINIC.

1,593 mothers attended the Clinic during the year, 237 were supplied with dried milk at cost price and 12 with fresh milk free of cost. 152 babies were examined by the Medical Officer and 48 recommended for treatment.

CLINICS AND TREATMENT CENTRES.

A Maternity and Child Welfare Centre is provided by the Local Authority. The Centre is in charge of the Medical Officer of Health, who has the services of a whole-time certificated and C.M.B. Health Visitor. A separate room is available in the Public Health Offices for the conduction of Clinics, and for the routine work in connection with the safeguarding of infant life. On Mondays and Thursdays regular Clinics are conducted, and on these days records of weight, etc., are made. Messages can be left and emergency cases can be seen any morning between the hours of 9.30 and 10.30. Voluntary workers assist at the Clinics and in the other duties which the Centre demands. Dried milk is available at reduced price to nursing mothers, and prescribing is carried out and free milk (Fresh) is allowed in necessitous cases.

SCHOOL CLINICS.

On account of a reduction in the School Nursing staff, these Clinics are now held on Monday, Wednesday and Friday mornings, instead of daily as previously. Emergency cases are treated and dressed any morning. A qualified part-time School Dental Surgeon is present on Tuesday and Thursday mornings from 10.0 till 12 noon. By special arrangement with the County Authority, batches of eye cases are examined periodically by an eye specialist.

AMBULANCE SERVICE.

The Ambulance made 397 journeys during the year, travelled 2,659 miles and carried 309 patients.

AMBULANCE FACILITIES.

The Joint Committee of the British Red Cross Society and the Order of St. John, under its Home Service Ambulance Organisations, lends a Motor Ambulance Wagon to the Borough of Newark. This is available at any time for infectious and non-infectious diseases and accident cases. The wagon is garaged in the town, and the local authority is responsible for its upkeep, running, and for the payment of a driver. Its services are available for cases in the adjacent Rural Districts, charge being made on a mileage basis. The wagon can be had at any time by application to the Public Health Offices, or the Borough Police Station.

Hospitals provided or subsidised by the Local Authority, or by the County Council.

- 1.—TUBERCULOSIS. No special hospital is now available for tubercular cases. A special building in the grounds of the Fever Hospital was used up to April, 1921, for advanced cases of phthisis, but this has now been closed down.
- 2.—FEVER. A Hospital for the isolation and treatment of the ordinary zymotic diseases is provided by the Local Authority. There are 4 wards—one for Diphtheria, and three for Scarlet Fever cases. By special arrangements the two neighbouring Rural Districts have cases treated when necessary. 20 beds are available.
- 3.—SMALLPOX. A converted Army Hut is available for this class of case, and the building formerly used as a tuberculosis Sanatorium can also be pressed into service if circumstances warrant such a procedure. There are 24 beds in the Army Hut.
The above Hospitals are all situated in Barnby Road, which is in the Newark Rural District. They are supported wholly by the Council.
- 4.—The General Hospital of 35 beds takes the ordinary surgical and medical cases. Cases of the enteric type are also treated here. There are 25 beds for adults (Males and Females), and a separate Ward of 10 beds for children. The Hospital is situated in London Road. It is supported entirely by voluntary subscription.

LABORATORY WORK.

During the year 210 throat swabs were incubated and examined for diphtheria, 35 were found to be positive. 74 specimens of sputum were examined for tubercle bacilli, 11 of these were positive. 10 urethral smears were examined, 6 of which were positive. Sterilised swabs are issued free to practitioners on request. The Laboratory is situate in the Public Health Offices.

I am indebted to Mr. J. W. Hipwood, the Borough Surveyor, for the following detail of figures dealing with the disposal of refuse in the Borough of Newark for the last six years.

These figures have been very carefully compiled and furnish a very comprehensive idea of the cost of collecting and disposing of refuse of all kinds.

BOROUGH OF NEWARK.

CLEANSING DEPARTMENT.

COMPARATIVE COSTS OF DEPARTMENT IN DISPOSING OF REFUSE.

CHARGES ON RATES.			
	£		equal to a Rate of
1918	2,262	...	8.17
1919	2,327	...	8.11
1920	2,945	...	9.75
1921	3,920	...	12.60
1922	3,573	...	11.41
1923	3,472	...	11.43
1924	3,161	...	10
1925	2,254	...	8.45

'This brings us back to 1919 figures although :

- (a) We now dispose of all the refuse instead of dumping it and creating a rat ridden fly breeding, pestilential tip, growing at the rate of 5,000 tons per year.
- (b) 'There has been an increase in the cost of labour and materials since 1919.
- (c) It includes the cost of the works which will eventually be free of debt.
- (d) It provides steady employment for five otherwise unemployed men.

NIGHT SOIL COLLECTION COSTS.

NIGHT SOIL.	1920-21	1921-22	1922-23	1923-24	1924-25
Tonnage collected ...	1950	1890	1728	875	156 (Estimated)
Cost of collecting ...	estimated	estimated			
	£1,300	£1,100	£1,076 10 0	£717 3 5	£117 "
Charge on Rates in respect of Conversions ...	—	—	—	—	£500
Total ...	£1,300	£1,100	£1,076 10 0	£717 3 5	£617

Compared to 1919 we have a saving of £1,300 — £617 — £683 per annum in spite of the cost of Conversions which cost of £500 will eventually disappear.

COMPARATIVE WEIGHTS and COSTS OF COLLECTION and DISPOSAL.

COLLECTIONS. Tons collected.	The year of transition.			
	1920-21	1921-22	1922-23	1923-24
House Refuse	... ..	4300	4289	5092
Night Soil	... ..	1890	1728	875
Cost of collecting	... ..	6190	5017	5967
Average cost per ton collecting	... ..	£3431	£2981	£2346
	11/11	11/1	11/10½	7/10¼
DISPOSALS.	Tons	Tons	Tons	Tons
Sold and Removed	880	720	1924	5967
Growth of Tip	5270	5470	3193	NIL.
COST OF DISPOSAL.	£	£	£	£
Haulage	220	180		
Levelling out Tip	293	130		
All costs of Disposal Works ...	—	—	1,141	1,708
Revenue	£513	£310	£1,141	£1,708
	220	180	486	1,003
Nett cost of disposal	£293	£130	£755	£705
Nett cost per ton	... ..	5/- and	7/10 and	2/4 and
	5270 tons left.	5470 tons left.	3193 tons left.	all cleared away or burnt.

May, 1924.

ACTS ADOPTED.

- 1889. Infectious Diseases Notification Act, 1889.
- 1891. Infectious Diseases Prevention Act, 1890.
- 1891. Public Health Amendment Act, 1890.
- 1902. Public Health (Water) Act, 1878 (Sec. 6).
- 1903. Public Health (Water) Act, 1878 (Sec. 7).
- 1909. Public Health Acts Amendment Act, 1907 (Parts 3 & 4).
- 1911. „ „ (Part 2, except Sec. 25).
- 1912. „ „ (Secs. 78, 79, 80 of Parts 7, 8 & 9).
- 1912. „ „ (Part 4, Sec. 67, Part 5 and Part 10).
- 1922. „ „ Part VI.

BYE-LAWS, REGULATIONS, &c.

- 1886. Nuisances.
- 1886. Slaughterhouses (repealed).
- 1886. Offensive Trades.
- 1886. Common Lodging Houses.
- 1887. New Streets and Buildings.
- 1889. Diseases of Animals Acts, 1886, and Cowsheds and Milk Shops Order, 1885.
- 1891 & 1904. Weights and Measures Regulations.
- 1909. Diseases of Animals Act, 1894 to 1903, and Swine Fever Order of 1908.
- 1920. Regulating the Employment of Children and Young Persons under Employment of Children Act, 1903, and the Education Act, 1918.
- 1922. Removal of House Refuse.
- 1923. Slaughterhouses.
- 1923. New Streets and Buildings.

Report of Sanitary Inspector.

SUMMARY OF WORK FOR 1923.

Nuisances dealt with, 457 ; Abated 457	...	...	...	457
Statutory Notices served	...	...	...	28
Informal Notices served (including letters)	...	...	...	297
Letters re Notices	...	...	...	115
New water closets provided where found defective	...	...	...	47
Pail and tub closets converted to water closets	...	...	...	1182
W.C. pans provided where found defective	...	...	...	43
,, ,, connected to traps	...	...	...	28
,, ,, cleansed	...	...	...	240
W.C.'s repaired	...	...	...	113
Pail and tub closets repaired	...	...	...	406
W.C. flushing cisterns provided	...	...	...	17
,, ,, ,, overflow pipes repaired	...	...	...	9
,, ,, ,, flush pipes repaired	...	...	...	14
,, ,, ,, supply pipes repaired	...	...	...	12
,, seats repaired	...	...	...	19
Choked W.C.'s cleared and cleansed	...	...	...	112
Tub and pail closets cleansed	...	...	...	179
Drains tested with smoke	...	...	...	88
,, chemically tested	...	...	...	14
,, tested with water	...	...	...	29
Defective drains repaired and re-laid	...	...	...	175
New inspection chambers built	...	...	...	51
,, ,, chamber covers provided	...	...	...	20
Drain ventilating pipes tested with smoke	...	...	...	17
,, ,, ,, found choked and cleared	...	...	...	13
,, ,, ,, renewed	...	...	...	9
,, ,, ,, repaired	...	...	...	12
,, ,, ,, lengthened	...	...	...	2
Drains trapped and ventilated	...	...	...	52
Sink waste pipes trapped	...	...	...	64
,, ,, repaired	...	...	...	19
Trapped yard gullies fixed	...	...	...	114
Spouting and rainwater pipes renewed	...	...	...	37
,, ,, ,, repaired	...	...	...	56
Defective roofs repaired	...	...	...	19
Yards and passages paved	...	...	...	12
Yard paving renewed	...	...	...	40
,, repaired	...	...	...	102

House windows made to open properly	...	...	...	6
„ „ repaired	...	...	...	29
„ floors renewed	...	...	...	22
„ „ repaired	...	...	...	28
Floor cavities cleansed and ventilated	...	...	...	2
Ashpits abolished	...	...	...	4
Ashbins provided	...	...	...	312
„ „ with covers	...	...	...	9
Houses inspected under the Housing & Town Planning Act				460

(For details see separate report.)

Re-inspections	...	...	...	...	943
Houses found dirty and cleansed	...	...	...	...	57
„ „ overcrowded	...	...	...	...	319
Pig styes inspected	...	...	...	...	47
„ found insanitary and defective	...	...	...	...	19
„ re-constructed	...	...	...	...	12
„ repaired	...	...	...	...	7
„ cleansed, and proper drainage provided	...	...	...	...	7
Visits to Dairies, Cowsheds and Milkshops	...	...	...	...	63
„ Common Lodging Houses	...	...	...	...	12
„ Slaughterhouses	...	...	...	...	701
„ Markets and Shops (for food inspection)	...	...	...	...	400
„ Fried-Fish Shops	...	...	...	...	7
„ Canal Boats (<i>see separate report</i>)	...	...	...	...	21
Re-visits re complaints	...	...	...	...	43
Factories and workshops inspections and re-inspections	...	...	...	...	240
Smoke observations taken	...	...	...	...	40
„ nuisances investigated	...	...	...	...	19
„ „ abated	...	...	...	...	16

(Improvements made in the matter of firing).

Visits to Picture Houses and Theatres	...	...	...	5
Prosecutions	...	...	...	1

Works in connection with drainage and repairs carried out under the Public Health Acts.

Premises visited	...	...	...	...	470
Living vans inspected at fairs and at other times	...	...	...	...	72
Cases of infectious disease investigated	...	...	...	...	81
Premises visited re supervision of disinfection after cases of infectious disease	...	...	...	...	81
Visits to Schools re general sanitary conditions	...	...	...	...	24
Visits to premises where the Scheduled Offensive Trades are carried on	...	...	...	...	14
Accumulations of manure & other offensive matter removed	...	...	...	...	312
Areas inspected with special reference to the conversion of pail closets to water closets	...	...	...	...	840

SLAUGHTERHOUSES.

There are 15 Slaughterhouses in the Borough ; 7 are licensed and 7 are registered.

They are visited for the purpose of Meat Inspection and for seeing that the Council's Regulations and Bye-laws are carried out.

These premises are well conducted and kept satisfactorily.

701 visits were made during the year.

Satisfactory means are provided for the disposal of diseased carcasses and meat at the new Refuse Disposal Works.

DAIRIES, COWSHEDS & MILKSHOPS.

There are 10 Cowkeepers in the Borough.

The sheds are visited, and found to be kept in a fairly satisfactory manner, but there is still room for improvement in the matter of construction generally.

Improvements were carried out in three sheds.

SLAUGHTERHOUSE & MEAT INSPECTION.

Visits - 701.	Carcases examined - 2,523			
Bullocks	...	...	...	322
Bulls	...	...	...	3
Heifers	...	...	...	274
Cows	...	...	...	27
Sheep	...	...	...	1081
Calves	...	...	...	42
Lambs	...	...	...	92
Pigs	...	...	...	682
				<hr/> 2523 <hr/>

Number of Carcases found to be diseased and destroyed - 3.

MEAT & FOOD INSPECTION.

During the year the following have been destroyed as unfit for the food of man :—

Beef (home killed)	...	...	...	1460 lbs.
Mutton do.	...	...	...	53 „
Pork	...	...	...	196 „
Beef (frozen)	...	...	...	327 „
Beasts' Mesenteries	...	...	...	5
„ Lungs	...	...	...	9 sets.

Beasts' Livers ...	...	...	...	7
„ Hearts	...	...	...	2
„ Kidneys	...	...	...	12
Beef Suet and Omentum Fat	...	...	...	400 lbs.
Tripe	...	...	...	320 „
Pigs Lungs	...	...	...	4 sets.
„ Messentries	...	...	...	2
„ Livers	...	...	...	4
„ Hearts	...	...	...	2
Corned Beef	...	...	...	57 tins.
Ox Tongues	...	...	...	2 „
Condensed Milk	...	...	...	61 „
Preserved Tomatoes	...	...	...	3 „
Fruit	...	...	...	83 lbs.
Bacon	...	...	...	47 „
Hams	...	...	...	2
Fish	...	...	...	166 lbs.

SALE OF FOOD & DRUGS ACTS.

During the year 40 samples were procured for analysis by the Public Analyst.

Milk	...	...	...	...	25
Butter	...	...	...	...	3
Lard	...	...	...	...	3
Pepper	...	...	...	...	3
Vinegar	...	...	...	...	3
Flour	...	...	...	...	2
Ground Rice	...	...	...	...	1
					—
					40
					—

Informal Samples taken :

Butter	...	...	...	...	1
Flour	...	...	...	...	1

RESULTS OF ANALYSIS.

Informal Sample of Butter No. 1.	Water	...	...	11.11
	Salt and Curd	...	...	1.81
	Fat	...	...	87.08
	Boric Acid	...	...	Absent
	Reichert Value	...	...	23.9
	Polenski Value	...	...	0.9

This Sample was of poor quality and just passable. This was followed up by a further sample which proved genuine.

Informal Sample of Flour No. 2 Genuine.
 Sample of Milk No. 4. Analysis :

Fat	...	...	2.75
Solids, not Fat	...	...	7.94
Water	...	...	89.31
			<hr/>
			100.00
			<hr/>

This Sample was deficient in fat to the extent of 8% and contained added water to the extent of 6%.

Proceedings taken and defendant fined 20/- including costs.

Sample of Milk No. 7. On analysis this Sample was found to contain 4 grains of dirt per gallon. Analysis :

Fat	...	...	3.40
Solids, not Fat	...	...	8.76

No proceedings, but a letter of warning was ordered to be sent to the vendor.

Sample of Milk No. 11. Analysis :

Fat	...	.....	2.89
Solids, not Fat	...	...	8.81
Water	...	...	88.30
			<hr/>
			100.00
			<hr/>

Sample deficient in fat to the extent of 3%. No proceedings taken, but a letter of warning was to be sent to the vendor.

Sample of Milk No. 13. Analysis :

Fat	...	...	4.30
Solids, not Fat	...	...	8.96

This Sample was found to contain 1.6 grains of dirt per gallon. Letter of warning sent to the vendor.

Sample of Milk No. 18. Analysis : Fat, 3.65 ; Solids, not Fat, 8.45.

Fat	...	...	3.45
Solids, not Fat	...	...	8.61

Sample found to contain 5.5 grains of dirt per gallon. Letter of warning sent to the vendor.

Sample of Milk No. 22. Analysis :

Fat	...	...	3.65
Solids, not Fat	...	...	8.45

Sample found to contain 5 grains of dirt per gallon. The vendor was summoned to appear before the Health Committee to show cause for the dirt content in this Sample and one taken previously, No. 18.

No proceedings ordered, but that a warning letter be sent.

Sample of Flour No. 24.

Analysis showed that the sample contained 2 parts of lead per million, also that the flour had been bleached. The Analyst was of the opinion that the sample was otherwise genuine, and that it would not be advisable to institute proceedings.

Sample of Milk No. 26. Analysis :

Fat	...	...	3.10
Solids, not Fat	...	...	9.46

The Sample contained 5 grains of dirt per gallon. No proceedings taken.

Ordered that a warning letter be sent to the vendor.

Sample of Milk No. 28. Analysis :

Fat	...	...	4.50
Solids, not Fat	...	...	8.90

The sample contained 3.5 grains of dirt per gallon. No proceedings taken.

Ordered that a warning letter be sent to the vendor.

Sample of Vinegar No. 30. Analysis :

Acetic Acid	...	...	4.32
Total Solids	...	...	0.27

This Sample proved to be artificial vinegar made from acetic acid and water.

No proceedings taken.

(This was not sold as Malt Vinegar.)

Sample of Vinegar No. 31. Analysis :

Acetic Acid	...	...	5.11
Total Solids	...	...	0.38

This Sample proved to be Artificial Vinegar made from acetic acid and water.

No proceedings taken. Warning letter sent to the Vendor.

(This was not sold as Malt Vinegar.)

HOUSING INSPECTION.

Number of New Houses erected during the year :—

(a)	Total	...	...	...	...	...	...	...
(b)	As part of a Municipal Housing Scheme	...	...	...	...	...	...	...
1.	Unfit Dwelling Houses	...	...	...	...	...	...	12
	Inspection—(1)	Total number of dwelling houses inspected for housing defects (under Public Health Act or Housing Acts)	...	...	...	...	...	460
	(2)	Number of dwelling houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	...	...	...	...	...	460
	(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	...	93
	(4)	Number of dwelling houses (exclusive of those referred to under the proceeding sub-heading) found not to be in all respects reasonably fit for human habitation	...	...	...	...	...	131
2.	Remedy of defects without Service of formal Notices.							
	Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	...	...	...	...	...	...	54
3.	Action under Statutory Powers.							
	A—Proceedings under Section 28 of the Housing, Town Planning &c. Act, 1919	...	...	...	...	...	...	Nil
	(1)	Number of dwelling houses in respect of which notices were served requiring repairs	...	...	...	...	...	Nil
	(2)	Number of dwelling houses which were rendered fit :—						
	(a)	By Owners	...	...	...	...	...	Nil
	(b)	By Local Authority in default of Owners	...	...	...	...	...	Nil
	(3)	Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	...	...	...	...	...	Nil
	B—Proceedings under Public Health Acts.							
	(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied...	...	...	...	...	...	120
	(2)	Number of dwelling houses in which defects were remedied :—						
	(a)	By owners	...	...	...	...	...	112
	(b)	By Local Authority in default of Owners	...	...	...	...	...	Nil
	C—Proceedings under Sections 17 and 18 of the Housing, Town Planning, &c. Act, 1909.							
	(1)	Number of representations made with a view to the making of Closing Orders	...	...	...	...	...	5
	(2)	Number of dwelling houses in respect of which Closing Orders were made	...	...	...	...	...	1
	(3)	Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit	...	...	...	...	...	Nil
	(4)	Number of dwelling houses in respect of which Demolition Orders were made	...	...	...	...	...	Nil
	(5)	Number of dwelling houses demolished in pursuance of Demolition Orders	...	...	...	...	...	Nil

HOUSING INSPECTION.

Grade B.—Unfit for habitation, but could be made fit by repairs or alterations.

Grade C.—Unfit for habitation, closure and demolition advised.

Situation of Property.					Grade B and No. of houses.	Grade C and No. of houses.			Totals
Alliance Street	...	...	...	...	1	...	5	...	6
Albert Street	...	...	...	...	—	...	2	...	2
Tenter Buildings	...	...	...	...	45	...	—	...	45
Asher's Yard	...	...	...	...	—	...	2	...	2
Albion Street		...	...	...	—	...	1	...	1
Top Row, Beacon Hill	...	...	...	...	15	...	—	...	15
Beacon Hill, Side and Bottom Rows	...			...	8	...	3	...	11
Beeche's Terrace	...	...	...	...	—	...	2	...	2
Beacon Hill Road		...	...	...	7	...	—	...	7
Bell's Row	...	...	...	...	—	...	14	...	14
Blyton's Yard	...	...	...	...	—	...	7	...	7
Boar Lane	...	...	...	...	—	...	1	...	1
Brewster's Yard	...	...	...	...	4	...	—	...	4
Brittania Buildings		...	...	...	12	...	—	...	12
Cawkwell's Yard	...	...	...	...	—	...	19	...	19
Cawkwell's Square		...	...	...	—	...	2	...	2
St. Mark's Lane	...	...	...	...	—	...	12	...	12
St. Mark's Square		...	...	...	—	...	5	...	5
Alexander Square, Chatham Street	...			...	6	...	—	...	6
Bradley's Court, Chatham Street	...			...	—	...	5	...	5
Bradley's Yard, Chatham Street	...			...	3	...	—	...	3
Wheatley's Yard, Chatham Street	...			...	2	...	—	...	2
Castle Gate	...	...	...	...	3	...	8	...	11
Chester Place	...	...	...	...	8	...	—	...	8
Coach and Horses Yard	...	...	...	...	3	...	—	...	3
Collingham Row	...	...	...	...	22	...	—	...	22
Constantinople Yard, Millgate	...			...	—	...	5	...	5
Cottam's Yard, Millgate	...	...	...	...	—	...	5	...	5
Cotton Square, Millgate	...	...	...	...	14	...	—	...	14
Clinton Street	...	...	...	...	19	...	—	...	19
Depot Yard, Kirkgate	...	...	...	...	—	...	13	...	13
Duke's Row, Parliament Street	...			...	7	...	—	...	7
Egglesstone's Yard		...	...	...	—	...	7	...	7
Edmund's Row	...	...	...	...	—	...	4	...	4
Elgin Place	...	...	...	...	25	...	—	...	25
Eyres Yard	...	...	...	...	—	...	2	...	2

Situation of Property.	Grade B and No. of houses.				Grade C and No. of houses.				Totals
Zion Place	—	...	7	...	7
Zion Square	—	...	1	...	1
Eldon Place	4	...	2	...	6
May's Row	5	...	—	...	5
Priest's Yard	—	...	8	...	8
Eldon Terrace	—	...	1	...	1
Hardy's Yard, Eldon Street	—	...	2	...	2
Farndon Row	—	...	17	...	17
George Street	2	...	5	...	7
George Street Row	—	...	5	...	5
George Street Square	—	...	6	...	6
Gordon's Row	—	...	11	...	11
Gordon Square	—	...	5	...	5
Hardy's Yard, Stodman Street	—	...	9	...	9
Hardy's Yard, Eldon Street	—	...	4	...	4
Heaton's Yard	—	...	2	...	2
Huddlestons Yard, Millgate	—	...	4	...	4
Jallands Row	2	...	—	...	2
James' Row	5	...	—	...	5
Keswick Place	—	...	8	...	8
Kew Terrace, Pelham Street	4	...	—	...	4
King's Arms Yard	3	...	1	...	4
Kirkgate	—	...	4	...	4
Lilly's Row	—	...	7	...	7
Lincoln Row	—	...	11	...	11
Victoria Place	—	...	4	...	4
Lombard Street	—	...	9	...	9
Barratts Yard	—	...	1	...	1
Lovers Lane	5	...	—	...	5
Markham's Yard	—	...	4	...	4
Meyrick Road	2	...	—	...	2
Mill Lane	5	...	—	...	5
Mill Lane Square	—	...	2	...	2
Mill Gate	13	...	14	...	27
Mount Square	—	...	10	...	10
Mount Lane	3	...	—	...	3
Mount Pleasant	8	...	—	...	8
New Street	1	...	—	...	1
North Gate	10	...	4	...	14
Nursery Place	7	...	—	...	7
Philadelphia Place	—	...	5	...	5

Situation of Property.					Grade B and No. of houses.	Grade C and No. of houses.	Totals	
Pacey's Row	...	...	...	...	8	...	—	8
Paxton's Court	...	...	...	...	7	...	—	7
Pettifer's Yard	...	...	...	...	—	...	2	2
Porter's Yard	...	...	...	...	—	...	6	6
Queen Street	...	...	...	...	8	...	—	8
Queen Street Square	...	...	...	...	1	...	—	1
Queen's Road	...	...	...	...	—	...	9	9
Radford's Yard	...	...	...	...	4	...	—	4
Sharp's Yard,	...	...	...	...	2	...	—	2
Sheppard's Row	...	...	...	...	5	...	12	17
Slaughterhouse Lane	...	...	...	...	1	...	5	6
Smith's Row, Water Lane	...	...	...	...	—	...	11	11
Spittal Row, North Gate	...	...	...	...	—	...	15	15
Stone Terrace, Victoria Street	...	...	...	...	8	...	—	8
Summer's Row, North Gate	...	...	...	...	4	...	—	4
St. Leonard's Court	...	...	...	...	10	...	7	17
Taylor's Court	...	...	...	...	—	...	8	8
Taylor's Yard	...	...	...	...	—	...	7	7
Tomlinson's Yard	...	...	...	...	17	...	—	17
Union Row	...	...	...	...	10	...	—	10
Water Mill Yard	...	...	...	...	6	...	—	6
Water Lane	...	...	...	...	—	...	15	15
Water Lane Square	...	...	...	...	—	...	5	5
Tallent's Buildings, Water Lane...	...	...	...	...	—	...	9	9
Tallent's Row, Water Lane	...	...	...	...	—	...	1	1
Rowbottom's Row, Water Lane	...	...	...	...	—	...	8	8
Ward's Row	...	...	...	...	15	...	—	15
Warriner's Row	...	...	...	...	3	...	—	3
Wright Street	...	...	...	...	10	...	—	10
Zion Square	...	...	...	...	—	...	9	9
Meadow Cottage, Winthorpe Road	...	...	...	...	—	...	1	1
Long Row	...	...	...	...	22	...	—	22
Victoria Gardens	...	...	...	...	—	...	22	22
					<hr/> 424	<hr/> 449		<hr/> 873
Number of overcrowded Houses in the Urban District						...	...	319

Report as to the Administration of the Canal Boats Acts for the Year 1923.

Arrangements made for the inspection of Boats, and name and address and remuneration of the Inspector :—

The boats are examined at the various wharves within the Council's area.
Inspections carried out by the Sanitary Inspector,
Public Health Department, 25, Middlegate, Newark,
whose duties include those of Canal Boats Inspector.

Number of Inspections of Canal Boats made in 1923. Condition of Boats and occupants, as regards the matters dealt with in the Acts and Regulations.

21.

Any infringement of the Acts and Regulations with respect to :—

Registration	...	...	...	...	Nil.
Notification of Change of Master	...	...	...	...	Nil.
Certificates	...	...	...	...	1
Marking	...	...	...	...	1
Overcrowding	...	...	...	...	Nil.
Separation of Sexes	...	...	...	...	Nil.
Cleanliness	...	...	...	...	1
Ventilation	...	...	...	...	Nil.
Painting	...	...	...	...	2
Provision of Water Cask	...	...	...	...	Nil.
Removal of Bilge Water	...	...	...	...	4
Notification of Infectious Disease	...	...	...	...	Nil.
Admittance of Inspector	...	...	...	...	Nil.
Insufficiency of Light in Cabins	...	...	...	...	Nil.
Cleanliness of Water Cask	...	...	...	...	1

Legal proceedings taken in respect of any such infringements, and penalties inflicted.—NIL.

Any other steps taken to secure compliance with the Acts and Regulations as regards such infringements :—

Intimation Notices served	...	...	...	4
Verbal Instructions	...	...	...	2

Cases of Infectious disease dealt with, and measures of Isolation adopted.—NIL.

Detention of Boats for cleansing and disinfection.—NIL.

Newark Urban District Council is not a Registration Authority.
All boats carrying offensive cargoes are fitted with double bulk heads with the necessary span of four inches and provided with pumps.

G. H. KEMP,

Inspector under the Canal Boats Acts.

PUBLIC HEALTH DEPARTMENT,
25, MIDDLEGATE,
NEWARK.
February 25th, 1924.

Annual Report of the Medical Officer of Health for the year 1923, for the Borough of Newark,

on the administration of the Factory and Workshop Act, 1901, in connection
with

FACTORIES, WORKSHOPS, WORKPLACES & HOMEWORK.

1.—Inspection of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
FACTORIES (Including Factory Laundries)	... 24	13	Nil
WORKSHOPS (Including Workshop Laundries)	243	34	Nil.
WORKPLACES (Other than Outworkers' pre- mises included in Part 3 of this Report))	38	12	Nil.
TOTAL	305	59	Nil.

2.—Defects found in Factories, Workshops and Workplaces.

Premises. (1)	Number of Defects,			Number of Prosecutions. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts :—</i>				
Want of Cleanliness	12	12	Nil.	Nil.
Want of ventilation	10	8	Nil.	Nil.
Overcrowding	3	3	Nil.	Nil.
Want of drainage of floors |... ..	2	2	Nil.	Nil.
Other nuisances	4	4	Nil.	Nil.
Sanitary accommodation. { insufficient	26	21	Nil.	Nil.
{ unsuitable or defective	20	17	Nil.	Nil.
{ not separate for sexes	4	4	Nil.	Nil.
<i>Offences under the Factory and Work- shop Acts :—</i>				
Illegal occupation of underground bakehouse (s. 101)	Nil.	Nil.	Nil.	Nil.
Breach of special sanitary require- ments for bakehouses (ss. 97 to 100)				
Other offences (Excluding offences relating to outwork which are included in Part 3 of this Report) ...				
Total	81	71	Nil.	Nil.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.						Number
(1)						(2)
Important classes of Workshops, such as Workshop Bakehouses, may be enumerated here.	{	Bakehouses	...	...	...	23
		Millinery and Dressmaking	...	...	...	72
		Boot and Shoe Making and Repairing	...	...	...	40
		Laundries	...	...	...	3
		French Polishers and Upholsterers...	...	...	...	10
		Sadlers	...	...	...	7
		Tailoring and Repairing	...	...	...	50
		Joiners	...	...	...	24
		Corset Making	...	...	...	2
		Basket Making	...	...	...	7
		Confectionery and Sweet Making	...	...	...	6
		Plumbing	...	...	...	4
		Brush Making	...	...	...	3
		Blacksmiths	...	...	...	8
		Whitesmiths	...	...	...	2
Tin and Coppersmiths	...	...	...	4		
Other Workshops	...	...	...	16		
Total number of Workshops on Register						381

5.—OTHER MATTERS.

Class.	Number
(1)	(2)
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Acts (s. 133, 1901)	1
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (s. 5 1901)	12
Notified by H.M. Inspector Reports (of action taken) sent to H.M. Inspector	12
Other	1
Underground Bakehouses (s. 101) in use at the end of the year	1

3—HOME WORK.

OUTWORKERS' LISTS, SECTION 107.																	Outwork in Unwholesome Premises, Section 108.			Outwork in Infected Premises, Section 109, 110.		
NATURE OF WORK.	Lists received from Employers.										Prosecutions.			Instances.	Prosecutions.	Instances.	Orders made (s. 110).	Prosecutions (Sections 109, 110).				
	Sending twice in the year.			Sending once in the year.			Notices served on Occupiers as to keeping or sending lists.	Failing to keep or permit inspection of lists.	Failing to send lists.													
	Outworkers.		Lists.	Outworkers.		Lists.				Con-tractors.	Work-men.											
	Lists.	Con-tractors.		Work-men.	Lists.							Con-tractors.	Work-men.									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)						
Wearing Apparel— making, &c. ... } cleaning and washing }	5	2	48				2		2	1	1	nil										
TOTAL ...	5	2	48				2		2	1	1	nil										





